

INFORMAȚII PERSONALE

**Cristina Adriana DEHELEAN**

📍 Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara, Facultatea de Farmacie, Piața Eftimie Murgu, nr. 2, 300041, Timișoara (România)

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EXPERIENȚA
PROFESIONALĂ

2014 – PREZENT

Profesor universitar, Coordonator Disciplina Toxicologie și Industria medicamentului
Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara, Facultatea de Farmacie, Disciplina Toxicologie și Industria medicamentului

Principalele activități și responsabilități: predarea cursurilor de Toxicologie, Metodologia cercetării științifice, Plante toxice, Farmacovigilență; Cursuri de pregătire postuniversitară, coordonator și lector în programul de master *Medicamente de tip OTC, suplimente alimentare, cosmetice*; coordonarea studenților în cadrul cercurilor științifice, workshop-urilor; pregătirea studenților pentru participarea la manifestări științifice naționale și internaționale; Coordonator doctoranzi

Sectorul de activitate: învățământ superior

2020 - PREZENT

Director al Consiliului pentru Studiile Universitare de Doctorat (CSUD)
Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara

Principalele activități și responsabilități: coordonare și monitorizare a Consiliului Studiilor Universitare de Doctorat

Sectorul de activitate: învățământ superior

2020

Vicepreședinte- Consiliul Național de Atestare a Titlurilor, Diplomelor și Certificatelor Universitare (CNATDCU), Comisia Farmacie
Gen. Berthelot 28-30, Sector 1, București RO-010168, Romania, +40 214056206, www.cnatdcu.ro

Principalele activități și responsabilități: Analiza tezelor de doctorat și a atestatelor de abilitare

Sectorul de activitate: învățământ superior

2016 – PREZENT

Vicepreședinte - Comitetul consultativ al Ministerului Sănătății - Comitetul pentru farmacologie clinică, toxicologie și dependență toxică

Cristian Popișteanu, nr. 1-3, sector 1, București RO-010024, Romania, +40 21 3072 500, www.ms.ro

Principalele activități și responsabilități: activități consultative de specialitate în domeniul farmacologiei și toxicologiei

Sectorul de activitate: sănătate

2012 – 2020

Decan Facultatea de Farmacie

Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara, Facultatea de Farmacie

Principalele activități și responsabilități: activități de coordonare și administrare a Facultății de Farmacie

- Sectorul de activitate: învățământ superior
- 2009 - 2014 **Conferențiar universitar**
Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Facultatea de Farmacie, Disciplina Toxicologie
 Principalele activități și responsabilități: predarea cursurilor de Toxicologie, Metodologia cercetării științifice, Plante toxice, Farmacovigilență; coordonarea studenților în cadrul cercurilor științifice, workshop-urilor; pregătirea studenților pentru participarea la manifestări științifice naționale și internaționale
- Sectorul de activitate: învățământ superior
- 2004 - 2009 **Șef de lucrări**
Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Facultatea de Farmacie, Disciplina Toxicologie
 Principalele activități și responsabilități: activități didactice și de cercetare
- Sectorul de activitate: învățământ superior
- 2002 - 2004 **Asistent universitar**
Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Facultatea de Farmacie, Disciplina Dermatofarmacie și cosmetologie
 Principalele activități și responsabilități: activități didactice și de cercetare
- Sectorul de activitate: învățământ superior
- 1999 - 2002 **Preparator universitar**
Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Facultatea de Farmacie, Disciplina Farmacie clinică
 Principalele activități și responsabilități: activitate didactică – îndrumare lucrări practice, activitate de cercetare
- Sectorul de activitate: învățământ superior
- 1996 - 1998 **Farmacist**
Argefarm, Arad
 Principalele activități și responsabilități: activitate de farmacist în farmacia de circuit deschis
- Sectorul de activitate: sănătate

EDUCAȚIE ȘI FORMARE

- 2015 **Abilitare în Farmacie, Conducător de doctorat, OMEC**
4209/10/06.2015
 Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Piața Eftimie Murgu nr. 2, 300041, Timișoara, România
- 2008 **Farmacist primar, specialitatea Farmacie clinică - P1/007069,**
OMS 1971/2008
 Ministerul Sănătății și Familiei, Direcția Generală Resurse Umane, Formare Profesională, Concursuri și Examen
- 2004 **Doctor în Farmacie - OMEC 3876/19.05.2004**
 Universitatea de Medicină și Farmacie "Gr. T. Popa" Iași, str. Universității nr. 16, Iași, România
- 2001 **Farmacist specialist, specialitatea Farmacie clinică**

Ministerul Sănătății și Familiei, Direcția Generală Resurse Umane, Formare Profesională, Concursuri și Examenе

1998 - 2001 **Farmacist rezident, specialitatea Farmacie clinică**
Spitalul Județean 1 Timișoara, Bvd. Liviu Rebreanu nr. 156, Timișoara, România

1991 - 1996 **Licență în Farmacie (Farmacist)**
Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara, Piața Eftimie Murgu nr. 2, 300041, Timișoara, România

COMPETENȚE PERSONALE

LIMBA MATERNĂ ROMÂNĂ

Limbile străine cunoscute

	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
engleză	C2	C2	C2	C2	C2
franceză	C2	C2	C1	C1	C2

Niveluri: A1 și A2: Utilizator elementar - B1 și B2: Utilizator independent - C1 și C2: Utilizator experimentat
Cadru european comun de referință pentru limbi străine

Competențe de comunicare

Excelente abilități de comunicare dobândite în urma activităților didactice susținute la diferite programe de studii de licență, de scurtă durată, postuniversitare; participarea la diverse conferințe naționale și internaționale; participarea în proiecte de cercetare cu parteneri din străinătate; prelegeri la diferite manifestări.

Capacitatea de a comunica constructiv în diferite situații sociale (de a tolera alte puncte de vedere, de a recunoaște responsabilitatea individuală și colectivă).

Competențe organizaționale/manageriale

Abilități de coordonator de echipă, spirit organizatoric, capacitate de concentrare și planificare, implementare, coordonare, finalizare obiective sau indicatori de performanță propuși în funcție de domeniu și activitate, capacitate de luare a deciziilor rapid și eficient, responsabilitate și implicare în activitățile conduse; capacitatea de a lucra sub presiune, gestionarea timpului, rezolvarea conflictelor, auto-motivația și motivația colegilor, munca în echipă, creativitate, dinamism, disciplină, perseverență, gândire analitică, capacitatea de a construi relații, eficiență, adaptabilitate, deschidere, empatie.

Management universitar

1. Director CSUD
2. Membru al Senatului UMF "Victor Babeș" Timișoara
3. Decan Facultatea de Farmacie
4. Membru mai multe mandate în Consiliul Facultății de Farmacie și Consiliul Departamentului II
5. Coordonator al programului de studii masterale – Medicamente de tip OTC, suplimente alimentare, cosmetice (2015-prezent)
6. Coordonator disciplina de Toxicologie (2004-prezent)
7. Membru CNATDCU și Vicepreședinte
8. Membru ARACIS

Management de proiect

1. ERASMUS project 2019-1-RO01-KA203-063499 - Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes –

responsabil proiect partener

2. CNFIS-FDI-2021-0498 “Dezvoltarea bazei de practica in domeniul plantelor medicinale a UMF Victor Babes Timisoara” – director de proiect
3. CNFIS-FDI-2019-0393 “Centru de dezvoltare profesională în domeniul produselor dermato-cosmetice pe bază de plante medicinale” – director de proiect
4. CNFIS – FDI – 2018 – 0159 „Centru de dezvoltare a abilităților practice în domeniul plantelor medicinale” – director de proiect
5. Axa 1 a POC – ANCS/ POC-A1- A1.1.4 – E-2015 “Utilizarea modelelor nutrigenomice pentru personalizarea tratamentelor dietetice in obezitate” (The use of nutrigenomic models for personalization of dietetic treatments in obesity) (NUTRIGEN) – manager științific
6. P III-C1-PCFI-2014/2015-03 “Noi abordări farmaceutice pentru modularea biodisponibilității unor flavonoide cu potențial chemopreventiv pentru melanomul malign” (New pharmaceutical options for some Flavonoids bioavailability modulation with chemopreventiv potential in malignant melanoma) – director de proiect
7. UEFISCDI, bilateral proiect Romania-Hungary CT-665/22.04.2013 “Evaluarea impactului radiațiilor UV și al terapiei anti-tumorale asupra fibroblaștilor dermici și în cancerul cutanat experimental” (Impact assessment of UV radiation and antitumor therapy on dermal fibroblasts and in experimental skin cancer) – director de proiect
8. International Project Romania-China 198/2009 „Antioxidant activity of Chinese materia medica and its chemical composition” – director de proiect
9. TÁMOP-4.2.2-08/1-2008-0001 “International photobiological interdisciplinary research of the interactions of environmental and genomic factors, and processing new diagnostic and therapeutic methods” – responsabil proiect partener
10. Grant PN II 1257/2007 „Studiul implementării unor bioproduși antitumorali vegetali de tip triterpenic inclusiv prin formare de nanostructuri, in terapii cutanate, prin analiza eficacitate/toxicitate” (Study of implementation of vegetal antitumor bioproducts of triterpenic type by nanostructure formation, in skin therapies, by efficacy/toxicity analysis) – director de proiect
11. Grant INOVARE 69/2007 „Dezvoltarea unui produs fitofarmaceutic destinat terapiei adjuvante și de prevenire a neoplaziei mamare” (Development of a phytopharmaceutical compound as adjuvant in treatment and prevention of breast cancer) – director de proiect
12. Grant CNCSIS AT 173/2007 „Elaborarea unor bioproduse cu compuși triterpenici și ciclodextrine și analiza eficacitate/nocivitate a acestora in patologii cutanate” (Elaboration of bioproducts with triterpenic compounds and cyclodextrins and their efficacy/toxicity analysis in skin pathologies) – director de proiect
13. Evaluator proiecte CNCSIS si UEFISCDI

Manifestări științifice

1. Coordonator al platformei online FITOSCIENCE – www.umft.ro
2. Coordonator program - Summer School Dermo-cosmetic products based on medicinal plants, 17-19 July 2019 Timișoara
3. Coordonator program - 1st International Summer School of Medicinal Plant Pharmacology-Toxicology, 2-13 July 2018 Timișoara, România
4. Coordonator program WORKSHOP - Dermo-cosmetic products as formulations. safety testing of cosmetic products, 13-14 June, 2019, Timișoara, România
5. Coordonator program WORKSHOP - Plantele medicinale în prezent – incidență, compoziție și utilizare (Medicinal Plants at present - incidence, composition and use), 16-17 October, 2018, Timișoara, România
6. Coordonator program WORKSHOP - Siguranța produselor pe bază de plante medicinale (Safety of medicinal plants products), 22-23 November, 2018, Timișoara, România
7. Organizator al evenimentelor științifice: National Symposiums TIMISOARA 2005,

2008, TIMMEDICA 2011, workshop în cadrul proiectului bilateral Romania-China, workshop în cadrul proiectului bilateral Romania-Ungaria

Competențe dobândite la locul de muncă

Foarte bună cunoștere a cadrului legislativ corelat învățământului superior și cercetării științifice. Calitatea de expert în publicarea articolelor științifice situate în zonele roșu și galben (conform clasificării UEFISCDI), capacitatea de a realiza colaborări multidisciplinare la nivel național și internațional (a se vedea anexele).

- Evaluator ARACIS, Comisia (C12) Științe medicale, domeniul Sănătate-registrul național
- conducătorul Filialei locale EUROTOX și membru în colegiul conducător la Societății de Științe Farmaceutice locale
- membru al primei Comisii de Asigurare a Calității la nivelul UMFVBT
- competențe în evaluarea de proiecte naționale și internaționale, recenzor la reviste de specialitate iar raportat la brevetele aplicate responsabilitate în proprietate intelectuală.
- 2008 – Evaluator CNCSIS, Domeniul Toxicologie
- abilități utilizator experimentat, inclusiv curs Microsoft Project Advanced 2011

Competențe digitale

INFORMAȚII SUPLIMENTARE

Premii

- Coordonator principal / Centrul de evaluări farmaco-toxicologice – Facultatea de Farmacie, Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara
- Reviewer invitat: Food and Chemical Toxicology, Journal of AOAC International, Natural Product Research, Molecules
- Membru în colectivul editorial: Experimental and Therapeutic Medicine, EC Pharmacology and Toxicology, Research and Clinical Medicine, World Research Journal Of Medicinal & Aromatic Plants
- Membru: SSFR, EUROTOX, AMAPSEEC, SRCC
- Perioada 2012-2020 – peste 40 de premii acordate de către UEFISCDI în cadrul competiției *Premierea rezultatelor cercetării*
- Medalia de aur și Diploma de excelență - The international salon of inventiveness pro invent, XIVEN Edition, 23-25 Martie 2016, Cluj-Napoca, România
- Medalia de aur și Diploma de excelență, Euro-invent, 19-21 Mai, 2016, Iași, România
- Medalia de aur 45th International Geneva Salon of Inventions, 29 Martie – 2 Aprilie 2017, Elveția
- Medalia de bronz - International invention-innovation showroom Traian Vuia Timișoara, 25-27 Mai 2016, Timișoara, România
- Medalia de aur, Tesla fest, International Conference on Innovation and Intellectual Property, 12-15 Octombrie 2018, Novi Sad, Serbia
- Certificat oficial de merit internațional pentru contribuția la inovare și cooperare internațională excelență, Tesla fest, International Conference on Innovation and Intellectual Property, 12-15 Octombrie 2018, Novi Sad, Serbia
- Medalia de argint – In vitro antibacterial activity of some plant essential oils from Cupressaceae family – Euroinvent, European Exhibition of Creativity and Innovation – Xth edition, 17-19 Mai 2018, Iași, România
- MEDIS 2006, 2012, 2013, Szeged, Hungary 2009 (premiile ale studenților coordonați)
- Premiul I pentru merite deosebite în activitatea didactică în cadrul Facultății de Medicină a Universității de Medicină și Farmacie “Victor Babeș” Timișoara (2015)

ANEXE

ANEXA I. ACTIVITATEA DE CERCETARE ȘTIINȚIFICĂ

I.1 PROIECTE DE CERCETARE

Nr crt	Titlul proiectului	Poziția	Perioada
1.	CNFIS-FDI-2021-0498 Title: Dezvoltarea bazei de practică în domeniul plantelor medicinale a UMF Victor Babeș Timișoara / Development of the practice base in the field of medicinal plants of the "Victor Babes" University of Medicine and Pharmacy Timișoara	Manager	Mai 2021 – Decembrie 2021
2.	PN-III-P1-1.1-TE-2019-2134 , acronym BAPRONIO Titlu: Redarea către piața dermocosmetica a unei formulări topice moderne cu acid betulinic încorporat în proniozomi / Delivery to the dermocosmetic market of a modern topical formulation with betulinic acid encapsulated in proniosomes	Membru	2020 - 2022
3.	1EXP/1233/30.01.2020 Title: Lupeol as bioactive natural compound in the local treatment of wounds and inflammation from mild to severe pathologies: experimental evaluations and market pre-proposal	Membru	2020 - 2021
4.	PN-III-P1-1.1-TE2019-0130 Hidrogeluri inovatoare pe bază de micelle polimerice ca sisteme de cedare pentru uleiul esențial de oregano: o abordare farmaceutică avansată pentru gestionarea papiloamelor cutanate / Innovative hydrogels based on polymeric micelles as release systems for oregano essential oil: an advanced pharmaceutical approach to papilloma management cutaneous	Membru	2020- 2023
5.	PN-III-P2-2.1-PED2019-3067 Nanobi structuri inovatoare bazate pe nanoparticule feromagnetice conjugate cu ciclodextrine pentru creșterea eficacității și reducerea toxicității în terapia cancerului prin hipertermie SP-magnetică / Innovative nanobi structures based on ferromagnetic nanoparticles conjugated with cyclodextrins to increase efficacy and reduce toxicity in cancer therapy by SP-magnetic hyperthermia	Membru	2020- 2023
6.	PN-III-P1-1.1- PD-2019-1231 Noi perspective privind chemoprevenția cancerului cutanat: evaluarea acidului maslinic și al unui derivat de acid maslinic încorporați în nanoemulsii / New perspectives on skin cancer chemoprevention: evaluation of maslinic acid and a maslinic acid derivative incorporated in nanoemulsions	Mentor	2020-2023
7.	ERASMUS project 2019-1-RO01-KA203-063499 - Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes	Manager proiect partener	2019 - 2021
8.	CNFIS-FDI-2019-0393 "Centru de dezvoltare profesională în domeniul produselor dermato-cosmetice pe bază de plante medicinale / Center for professional development in the field of dermato-cosmetic products based on medicinal plants" – proiect director"	Manager	Mai 2019 – Decembrie 2019
9.	CNFIS – FDI – 2018 – 0159 „Centru de dezvoltare a abilităților practice în domeniul plantelor medicinale / Center for the development of practical skills in the field of medicinal plants”	Manager	Mai 2018 – Decembrie 2018
10.	CNFIS – FDI – 2018 – 0459 D2- Internationalization	Membru	Mai 2018 – Decembrie 2018
11.	PN-III-P1-1.1-PD-2016-1982 – Proiecte de Cercetare Postdoctorală, competiția 2016 "Noi perspective privind mecanismul de acțiune al acidului betulinic ca agent antimelanom/ New insights into the antimelanoma mechanism of action of betulinic acid"	Mentor	2017-2019
12.	PN-III-P4-ID-PCE-2016-0765 "Materiale avansate pe bază de nanoparticule magnetice de oxizi de fier obținute prin combustie și citotoxicitatea acestora utilizată în terapia cancerului"	Membru	2017-2019
13.	Axa 1 a POC – ANCS/ POC-A1- A1.1.4 – E-2015 "Utilizarea modelelor nutrigenomice pentru personalizarea tratamentelor dietetice în obezitate" (The use of nutrigenomic models for personalization of dietetic treatments in obesity) (NUTRIGEN)	Manager științific	2016-2019
14.	PN-III-P2-2.1-BG-2016-0354 , No 115/2016 „Formulări pe bază de betulină și nanoparticule de aur în combaterea procesului de îmbătrânire a pielii” (Formulations based on betulin and gold nanoparticles to combat skin aging)	Membru	2016-2018
15.	PN-III-P2-2.1-BG-2016- 0455 , No 122/2016 „Formulări de avangardă pe bază de eugenol nanocapsulat cu adresabilitate în medicina dentară” (Avant-garde formulations based on eugenol nanocapsules addressable in dentistry)	Membru	2016-2018
16.	PN-II-PT-PCCA , No110/2014 "Recuperarea avansată a produselor utile din deșeurile de catalizatori uzați" (Advanced recovery of useful products from used catalysers waste) (REMACAT)	Membru	2014-2017
17.	UEFISCDI Bilateral project Romania – France no. 791/30.06.2014 "Obținerea micro-cristalelor de triterpene pentaciclice și studiul modificărilor lor" (Obtaining pentacyclic triterpene micro - crystals and pharmaceutical toxicology study of their changes in experimental models)	Membru	2014-2016
18.	UEFISCDI Bilateral project Romania-France RO-FR 789/30.06.2014 "Nanostructuri cu aurone, chalcone și extracte vegetale standardizate: dezvoltarea unui nou prototip de agent chemopreventiv și antiinflamator" (Nanostructures with aurones, chalcones and standardized vegetal extracts: development of a new prototype of chemopreventiv and anticancer agent)	Membru	2014-2016
19.	P III-C1-PCFI-2014/2015-03 "Noi abordări farmaceutice pentru modularea biodisponibilității unor flavonoide cu potențial chemopreventiv pentru melanomul malign" (New pharmaceutical options for some Flavonoids bioavailability modulation with chemopreventiv potential in malignant melanoma)	Manager	2014-2016
20.	UEFISCDI, bilateral project Romania-Hungary CT-665/22.04.2013 "Evaluarea impactului radiațiilor UV și al terapiei anti-tumorale asupra fibroblaștilor dermici și în cancerul cutanat experimental" (Impact assessment of UV radiation and antitumor therapy on dermal fibroblasts and in experimental skin cancer)	Manager	2013-2014
21.	UEFISCDI, bilateral projects Romania-Hungary CT-674/22.04.2013 "Evaluarea unor formulări	Membru	2013-2014

	farmaceutice moderne obținute prin complexarea unor triterpene pentaciclice cu derivați polizaharidici funcționalizați” (Evaluation of some modern pharmaceutical formulations obtained by complexation of of some pentacyclic triterpenes with polysaccharides functionalised derivatives)		
22.	SEE-ERA.NET PLUS Joint project 139/01 reference number: ERA 139/01 ”Systems to reduce mycotoxins contamination of cereals and medicinal plants in order to preservation native species and traditional products in Romania-Serbia-Croatia area”	Membru	2010-2012
23.	International Project Romania-China 198/2009 „Antioxidant activity of Chinese materia medica and its chemical composition”	Manager	2009-2010
24.	TĂMOP-4.2.2-08/1-2008-0001 “International photobiological interdisciplinary research of the interactions of environmental and genomic factors, and processing new diagnostic and therapeutic methods”	Manager partener român	2009-2011
25.	Project CNCISIS IDEI 2284 „Diagnosticarea cancerului și monitorizarea terapeuțică prin tehnici Raman ultrasensibile” (Cancer diagnosis and therapeutical monitoring by ultrasensitive Raman spectroscopic techniques)	Membru	2008-2011
26.	Grant PN II 1257/2007 „Studiul implementării unor bioproduși antitumorali vegetali de tip triterpenic inclusiv prin formare de nanostructuri, in terapii cutanate, prin analiza eficacitate/toxicitate” (Study of implementation of vegetal antitumor bioproducts of triterpenic type by nanostructure formation, in skin therapies, by efficacy/toxicity analysis)	Manager	2007-2010
27.	Grant INOVARE 69/2007 „Dezvoltarea unui produs fitofarmaceutic destinat terapiei adjuvante și de prevenire a neoplaziei mamare” (Development of a phytopharmaceutical compound as adjuvant in treatment and prevention of breast cancer)	Manager	2007-2010
28.	Grant CNCISIS AT 173/2007 „Elaborarea unor bioproduse cu compuși triterpenici și ciclodextrine și analiza eficacitate/nocivitate a acestora in patologii cutanate” (Elaboration of bioproducts with triterpenic compounds and cyclodextrins and their efficacy/toxicity analysis in skin pathologies)	Manager	2007-2008
29.	Project CEEX cod 30/2006 „Evaluarea conținutului de metale grele din sol cu ajutorul plantelor bioindicator și valorificarea acestora în scopuri terapeuțice” (The evaluation of soil heavy metals content using bioindicators plants and their therapeutic added value)	Membru	2006-2008
30.	Project CEEX ET 35/2006 „Biotehnologii pentru obținerea de bioproduse rezultate prin valorificarea indicatorilor vegetali ai metalelor din sol” (Biotechnologies for bioproducts preparation using the valorification of vegetal indicators of metals from soil)	Membru	2006-2008
31.	Project CEEX 10/ 2005 „Studiul bioactivității sinergice a alimentelor funcționale antioxidante in reversibilitatea sindromului metabolic” (The study of the synergic bioactivity of functionalized antioxidant aliments in reversibility of metabolic syndrome) (BIOTECH)	Membru	2005-2007
32.	Leonardo da Vinci, Agreement No. RO-2004-PL 93056-TD Training of „European Phytotherapists for Discovery of New Medications”	Membru	2005

I.2 IMPACTUL ACTIVITĂȚII DE CERCETARE

I.2.1 CAPITOLE DE CARTE ÎN EDITURI INTERNAȚIONALE – 10, Elsevier (2 capitole – 2019, 2018), InTech (6 capitole – 2018, 2017, 2015), Studium press LLC, Houston, USA (2 capitole – 2014)

I.2.2 PUBLICAȚII ISI (WOS) – 306, 218 ARTICOLE ISI FULL TEXT, 23 REVIEW, 6 PROCEEDINGS PAPER, 56 – MEETING ABSTRACT, 2 BOOK CHAPTER, 1 EDITORIAL MATERIAL

I.2.3 PREMII PENTRU ACTIVITATEA DE CERCETARE – peste 40

I.2.4 INDICE HIRSH – 26, TOTAL CITĂRI – 2003 (fără autocitări)

I.3 ÎNCADRARE PUBLICAȚII ȘTIINȚIFICE – WOS



I.4 COLABORĂRI INTERNAȚIONALE

I.4.1 GERMANIA

- Clin Goethe Univ, Inst Gen Pharmacol & Toxicol, Pharmazentrum Frankfurt ZAFES, D-60590 Frankfurt, Germany
- Goethe Univ Frankfurt, Inst Biochem Pathobiochem 1, D-60590 Frankfurt, Germany
- Martin Luther Univ Halle Wittenberg, Dept Organ Chem, Kurt Mothes Str 2, D-06120 Halle, Saale, Germany
- Univ Freiburg, Dept Dermatol, Hauptstr 7, D-79104 Freiburg, Germany
- Signalhaus Freiburg, BIOSSE Ctr Biol Signalling Studies, Schanzlestr 18, D-79104 Freiburg, Germany

Articole științifice (WOS): 1 – Nutrients (2020 – IF 5.719); 3 - International Journal of Molecular Sciences (2019 – IF 4.556); 1 - European Journal of Pharmaceutics and Biopharmaceutics (2019 – IF 4.604); 1 - International Journal of Experimental Pathology (2015 – IF 2.125); 1 – PLOS ONE (2015 – IF 3.057); 1 – Biological Chemistry (2013 – IF 2.689)

I.4.2 STATELE UNITE ALE AMERICII

- Northeastern Univ, Sch Pharm, Dept Pharmaceut Sci, Boston, MA 02115 USA
- Rutgers State Univ, New Jersey Inst Food Nutr & Hlth, 61 Dudley Rd, New Brunswick, NJ 08901 USA
- Wright State Univ, Dept Chem, Dayton, OH 45435 USA

Articole științifice (WOS): 1 – Frontiers in Pharmacology (2020 - IF 5.811); 1 - Environmental Toxicology and Pharmacology (2019 - IF 3.292); 1 - European Journal of Pharmaceutics and Biopharmaceutics (2019 – IF 4.604); 1 - Food and Chemical Toxicology (2018 - IF 3.775); 2 – Journal of Biomedical Nanotechnology (2013 – IF 7.578, 2011 – IF 4.216); 1 – Chemistry Central Journal (2012 – IF 1.312)

I.4.3 GRECIA

- Univ Crete, Fac Med, Dept Forens Sci & Toxicol, Iraklion 71003, Crete, Greece
- Univ Crete, Med Sch, Lab Clin Virol, Iraklion 71003, Crete, Greece

Articole științifice (WOS): 1 - Journal of Clinical Medicine (2020 - IF 4.241); 2 - Environmental Toxicology and Pharmacology (2019 - IF 3.292); 2 - Frontiers in Pharmacology (2018 - IF 3.845, 2017 – IF 3.831); 2 - Food and Chemical Toxicology (2018 - IF 3.775; 2016 – IF 3.778); 1 - International Journal of Oncology (2017 – IF 3.333); Molecular Medicine Reports (2017 – IF 1.922); 1 - International Journal of Molecular Medicine (2017 – IF 2.784); 1 - Oncology Reports (2017 – IF 2.976)

I.4.4 UNGARIA

- Univ Szeged, Inst Pharmaceut Technol & Regulatory, Szeged, Hungary
- Univ Szeged, Dept Pharmacodynam & Biopharm, Szeged, Hungary
- Gedeon Richter Plc, H-1103 Budapest, Hungary
- Dr Derm Clin Antiaging Dermatol Aesthet Laser & P, H-1026 Budapest, Hungary

- Univ Szeged, Dept Dermatol & Allergol, H-6720 Szeged, Hungary
- Univ Szeged, Dept Oral Biol & Expt Dent Res, H-6720 Szeged, Hungary

Articole științifice (WOS): 3 - Molecules (2020 IF 4.411, 2019 – 3.267, 2015 – IF 2.465); 1 – Nutrients (2019 – IF 4.546); 1 – Frontiers in Chemistry (2019 – IF 3.693); 4 - International Journal of Molecular Sciences (2018 – IF 4.183, 2015 – IF 3.257, 2014 – IF 2.862, 2012 – IF 2.464); 1 – Biomedical Optics Express (2016 – IF 3.337);

I.4.5 FRANȚA

- Aix Marseille Univ, Fac Pharm, 27 Jean Moulin Blvd, F-13385 Marseille 5, France
- Université de Lorraine, Bvd des Aiguillettes 54506 Vandoeuvre les Nancy, France

Articole științifice (WOS): 1 – Planta Medica (2015 - IF 1.990, Meeting Abstract).

Proiect bilateral RO-FR: UEFISCDI Bilateral project Romania – France nr.791/30.06.2014

I.4.6 ANGLIA

- Aston Univ, Pharmaceut Dept, Sch Life & Hlth Sci, Birmingham B4 7ET, W Midlands, England
- Middlesex Univ London, Dept Nat Sci, London, England

Articole științifice (WOS): 1 - Environmental Toxicology and Pharmacology (2019 - IF 3.292); 1 - Frontiers in Pharmacology (2018 - IF 3.845); 1 - International Journal of Molecular Medicine (2017 – IF 2.784)

I.4.7 AUSTRIA

- Univ Vienna, Dept Struct & Computat Biol, Max F Prutz Labs, Vienna, Austria
- Univ Vienna, Fac Phys, Quantum Opt Quantum Nanophys & Quantum Informat, Vienna, Austria

Articole științifice (WOS): 1 – Frontiers in Pharmacology (2020 - IF 5.811)

I.4.8 ITALIA

- University of Calabria, Department of Pharmacy, Health and Nutritional Science, via Pietro Bucci, 87036 Arcavacata di Rende (CS), Italy

Proiect ERASMUS: Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes ERASMUS K2, project nr. 2019-1-RO01-KA203-063499

ANEXA II. ACTIVITATEA DIDACTICĂ

II.1 Coordonare lucrări de licență și disertație: peste 60 – lucrări de licență (perioada 2012-2020), **25** – lucrări de disertație în cadrul programului de master *Medicamente de tip OTC, suplimente alimentare, cosmetice*; 9 – lucrări de disertație în cadrul programului de master *Formularea și evaluarea produsului dermatocosmetic*

II.2 Cărți și monografiile – 6 de specialitate; actualizarea cursurilor în format ppt anual după ultimele noutăți apărute în domeniu

II.3 Coordonator program VADA – an universitar 2017/2018 – 2 studenți; an universitar 2018/2019 – 3 studenți; an universitar 2019/2020 – 5 studenți, an universitar 2020-2021 – 4 studenți; an universitar 2021-2022 – 4 studenți

II.4 Coordonator program master – Medicamente de tip OTC, suplimente alimentare, cosmetice

II.5 Coordonare cercuri științifice studențești – Evaluarea farmacotoxicologică a unor produse vegetale cu acțiune terapeutică (2017 – www.umft.ro)

II.6 Participarea în comisii din procesul educațional admitere/ licență/ rezidențiat/ comisii de evaluare instituțională ale UMFVBT

ANEXA III. LISTA PUBLICAȚII

2022

1. Marinescu AR, Lăzureanu V, Laza R, Musta V, Nicolescu N, Cuț TG, **Dehelean C**, Oancea C, Licker M. Association between ribotype and clinical form of enterocolitis with *C. difficile* in Western Romania: A 2-year study. *Exp Ther Med*. 2022 Jan;23(1):22. doi: 10.3892/etm.2021.10944. **IF 2.447**
2. Pilut CN, Manea A, Macasoii I, Dobrescu A, Georgescu D, Buzatu R, Faur A, Dinu S, Chioran D, Pinzaru I, Hancianu M, **Dehelean C**, Malița D. Comparative Evaluation of the Potential Antitumor of *Helleborus purpurascens* in Skin and Breast Cancer. *Plants (Basel)*. 2022 Jan 12;11(2):194. doi: 10.3390/plants11020194. **IF 3.935**
3. Dinu S, Craciunescu EL, Macasoii I, Chioran D, Ravis M, Vlad D, Milutinovici RA, Marcovici I, Dolghi A, Moaca A, Dinu DC, **Dehelean C**, Popa M. Toxicological Assessment of an Acrylic Removable Orthodontic Appliance Using 2D and 3D In Vitro Methods. *Materials (Basel)*. 2022 Feb 4;15(3):1193. doi: 10.3390/ma15031193. **IF 3.623**
4. Tanase A, Manea A, Scurtu AD, Bratu LM, Chioran D, Dolghi A, Alexoi I, AAbed H, Lazureanu V, **Dehelean CA**. The "Invisible Enemy" SARS-CoV-2: Viral Spread and Drug Treatment. *Medicina*. 2022; 58(2):261. <https://doi.org/10.3390/medicina58020261> **IF 2.430**

2021

1. Dolghi A, Buzatu R, Dobrescu A, Olaru F, Popescu GA, Marcovici I, Pinzaru I, Navolan D, Cretu OM, Popescu I, **Dehelean CA**. Phytochemical Analysis and In Vitro Cytotoxic Activity against Colorectal Adenocarcinoma Cells of Hippophae rhamnoides L., Cymbopogon citratus (D.C.) Stapf, and Ocimum basilicum L. Essential Oils. *Plants (Basel)*. 2021 Dec 14;10(12):2752. doi: 10.3390/plants10122752. **IF 3.935**
2. Pinzaru I, Chioibas R, Marcovici I, Coricovac D, Susan R, Predut D, Georgescu D, **Dehelean C**. Rutin Exerts Cytotoxic and Senescence-Inducing Properties in Human Melanoma Cells. *Toxics*. 2021 Sep 19;9(9):226. doi: 10.3390/toxics9090226 **IF 4.146**
3. Blidisel A, Marcovici I, Coricovac D, Hut F, **Dehelean CA**, Cretu OM. Experimental Models of Hepatocellular Carcinoma-A Preclinical Perspective. *Cancers (Basel)*. 2021 Jul 21;13(15):3651. doi: 10.3390/cancers13153651. **IF 6.639**
4. Hut E-F, Radulescu M, Pilut N, Macasoï I, Berceanu D, Coricovac D, Pinzaru I, Cretu O, Dehelean C. Two Antibiotics, Ampicillin and Tetracycline, Exert Different Effects in HT-29 Colorectal Adenocarcinoma Cells in Terms of Cell Viability and Migration Capacity. *Current Oncology*. 2021; 28(4):2466-2480. <https://doi.org/10.3390/curroncol28040225>. **IF 3.677**
5. Pop D, Buzatu R, Moacă E-A, Watz CG, Cîntă Pinzaru S, Barbu Tudoran L, Nekvapil F, Avram Ş, **Dehelean CA**, Creţu MO, Nicolov M, Szuhaneck C, Jivănescu A. Development and Characterization of Fe₃O₄@Carbon Nanoparticles and Their Biological Screening Related to Oral Administration. *Materials*. 2021; 14(13):3556. <https://doi.org/10.3390/ma14133556>. **IF 3.623**
6. Ghiţu A, Pavel IZ, Avram S, Kis B, Minda D, **Dehelean CA**, Buda V, Folescu R, Danciu C. An In Vitro-In Vivo Evaluation of the Antiproliferative and Antiangiogenic Effect of Flavone Apigenin against SK-MEL-24 Human Melanoma Cell Line. *Anal Cell Pathol (Amst)*. 2021 Jun 21;2021:5552664. doi: 10.1155/2021/5552664. **IF 2.916**
7. Coricovac D, **Dehelean CA**, Pinzaru I, Mioc A, Aburel O-M, Macasoï I, Draghici GA, Petean C, Soica C, Boruga M, Vlaicu B, Muntean MD. Assessment of Betulinic Acid Cytotoxicity and Mitochondrial Metabolism Impairment in a Human Melanoma Cell Line. *International Journal of Molecular Sciences*. 2021; 22(9):4870. <https://doi.org/10.3390/ijms22094870>. **IF 2.916**
8. Moacă E-A, Watz C-G, Socoliuc V, Racoviceanu R, Păcurariu C, Ianoş R, Cîntă-Pinzaru S, Tudoran LB, Nekvapil F, Iurciuc S, Soica C, **Dehelean C-A**. Biocompatible Magnetic Colloidal Suspension Used as a Tool for Localized Hyperthermia in Human Breast Adenocarcinoma Cells: Physicochemical Analysis and Complex In Vitro Biological Profile. *Nanomaterials*. 2021; 11(5):1189. <https://doi.org/10.3390/nano11051189>. **IF 5.076**
9. Simu S, Marcovici I, Dobrescu A, Malita D, **Dehelean CA**, Coricovac D, Olaru F, Draghici GA, Navolan D. Insights into the Behavior of Triple-Negative MDA-MB-231 Breast Carcinoma Cells Following the Treatment with 17β-Ethinylestradiol and Levonorgestrel. *Molecules*. 2021 May 8;26(9):2776. doi: 10.3390/molecules26092776. **IF 4.412**
10. Fabricky MMC, Gabor AG, Milutinovic RA, Watz CG, Avram Ş, Drăghici G, Mihali CV, Moacă EA, **Dehelean CA**, Galuscan A, Buzatu R, Duma VF, Negrutiu ML, Sinescu C. Scaffold-Type Structure Dental Ceramics with Different Compositions Evaluated through Physicochemical Characteristics and Biosecurity Profiles. *Materials (Basel)*. 2021 Apr 27;14(9):2266. doi: 10.3390/ma14092266. **IF 3.623**
11. Guran K, Buzatu R, Pinzaru I, Boruga M, Marcovici I, Coricovac D, Avram S, Poenaru M, Susan M, Susan R, Radu D, **Dehelean CA**. In Vitro Pharmacotoxicological Characterization of *Melissa officinalis* Total Extract Using Oral, Pharynx and Colorectal Carcinoma Cell Lines. *Processes*. 2021; 9(5):850. <https://doi.org/10.3390/pr9050850>. **IF 2.847**
12. Lombrea A, Scurtu AD, Avram S, Pavel IZ, Turks M, Luginina J, Peipiņš U, **Dehelean CA**, Soica C, Danciu C. Anticancer Potential of Betulinic Acid Derivatives. *Int J Mol Sci*. 2021 Apr 1;22(7):3676. doi: 10.3390/ijms22073676 **IF 5.924**
13. Sipoş S, Moacă E-A, Pavel IZ, Avram Ş, Creţu OM, Coricovac D, Racoviceanu R-M, Ghiulai R, Pană RD, Soica CM, Borcan F, **Dehelean CA**, Crăiniceanu Z. *Melissa officinalis* L. Aqueous Extract Exerts Antioxidant and Antiangiogenic Effects and Improves Physiological Skin Parameters. *Molecules*. 2021; 26(8):2369. <https://doi.org/10.3390/molecules26082369>. **IF 4.412**
14. Pancu DF, Scurtu A, Macasoï IG, Marti D, Mioc M, Soica C, Coricovac D, Horhat D, Poenaru M, **Dehelean C**. Antibiotics: Conventional Therapy and Natural Compounds with Antibacterial Activity—A Pharmacotoxicological Screening. *Antibiotics*. 2021; 10(4):401. <https://doi.org/10.3390/antibiotics10040401>. **IF 4.639**
15. Iftode A, Drăghici GA, Macasoï I, Marcovici I, Coricovac DE, Dragoi R, Tischer A, Kovatsi L, Tsatsakis AM, Cretu O, **Dehelean C**. Exposure to cadmium and copper triggers cytotoxic effects and epigenetic changes in human colorectal carcinoma HT-29 cells. *Exp Ther Med*. 2021 Jan;21(1):100. doi: 10.3892/etm.2020.9532. **IF 2.447**
16. Antal DS, Ardelean F, Jijie R, Pinzaru I, Soica C, **Dehelean C**. Integrating Ethnobotany, Phytochemistry, and Pharmacology of *Cotinus coggygria* and *Toxicodendron vernicifluum*: What Predictions can be Made for the European Smoketree? *Front Pharmacol* 2021, 12, 746. DOI=10.3389/fphar.2021.662852. **IF 5.811**
17. Cepeha CM, Paul C, Borlea A, Fofiu R, Borcan F, **Dehelean CA**, Ivan V, Stoian D. Shear-Wave Elastography-Diagnostic Value in Children with Chronic Autoimmune Thyroiditis. *Diagnostics (Basel)*. 2021 Feb 5;11(2):248. doi: 10.3390/diagnostics11020248. **IF 3.706**
18. **Dehelean CA**, Marcovici I, Soica C, Mioc M, Coricovac D, Iurciuc S, Cretu OM, Pinzaru I. Plant-Derived Anticancer Compounds as New Perspectives in Drug Discovery and Alternative Therapy. *Molecules*. 2021 Feb 19;26(4):1109. doi: 10.3390/molecules26041109. **IF 4.412**
19. Soica C, Voicu M, Ghiulai R, **Dehelean C**, Racoviceanu R, Trandafirescu C, Roşca OJ, Nistor G, Mioc M, Mioc A. Natural Compounds in Sex Hormone-Dependent Cancers: The Role of Triterpenes as Therapeutic Agents. *Front Endocrinol (Lausanne)*. 2021 Jan 21;11:612396. doi: 10.3389/fendo.2020.612396. **IF 5.555**
20. Danciu C, Cioanca O, Watz Farcaş C, Hancianu M, Racoviceanu R, Muntean D, Zupko I, Oprean C, Tatu C, Paunescu V, Proks M, Diaconeasa Z, Soica C, Pinzaru I, **Dehelean C**. Botanical Therapeutics (Part II): Antimicrobial and In Vitro Anticancer Activity against MCF7 Human Breast Cancer Cells of Chamomile, Parsley and Celery Alcoholic Extracts. *Anticancer Agents Med Chem*. 2021;21(2):187-200. doi: 10.2174/1871520620666200807213734. **IF 2.507**
21. Pinzaru I, Tanase A, Enatescu V, Coricovac D, Bociort F, Marcovici I, Watz C, Vlaia L, Soica C, **Dehelean C**. Proniosomal Gel for Topical Delivery of Rutin: Preparation, Physicochemical Characterization and In Vitro Toxicological Profile Using 3D Reconstructed Human Epidermis Tissue and 2D Cells. *Antioxidants (Basel)*. 2021 Jan 10;10(1):85. doi: 10.3390/antiox10010085. **IF 6.313**
22. Pinzaru I, Sarau C, Coricovac D, Marcovici I, Utescu C, Tofan S, Popovici RA, Manea HC, Pavel IE, Soica C, **Dehelean C**. Silver Nanocolloids Loaded with Betulinic Acid with Enhanced Antitumor Potential: Physicochemical Characterization and In Vitro Evaluation. *Nanomaterials (Basel)*. 2021 Jan 9;11(1):152. doi: 10.3390/nano11010152. **IF 5.076**
23. Borcan F, Len A, **Dehelean CA**, Dudás Z, Ghiulai R, Iftode A, Racoviceanu R, Soica CM. Design and Assessment of a Polyurethane Carrier Used for the Transmembrane Transfer of Acyclovir. *Nanomaterials (Basel)*. 2020 Dec 28;11(1):51. doi: 10.3390/nano11010051. **IF 5.076**

1. Lombrea A, Antal D, Ardelean F, Avram S, Pavel IZ, Vlaia L, Mut AM, Diaconeasa Z, **Dehelean CA**, Soica C, Danciu C. A Recent Insight Regarding the Phytochemistry and Bioactivity of *Origanum vulgare* L. Essential Oil. *Int J Mol Sci*. 2020 Dec 17;21(24):9653. doi: 10.3390/ijms21249653. **IF 5.924**
2. Szuhaneck CA, Watz CG, Avram Ș, Moacă EA, Mihali CV, Popa A, Campan AA, Nicolov M, **Dehelean CA**. Comparative Toxicological In Vitro and In Ovo Screening of Different Orthodontic Implants Currently Used in Dentistry. *Materials (Basel)*. 2020 Dec 13;13(24):5690. doi: 10.3390/ma13245690. **IF 3.623**
3. Alexa VT, Szuhaneck C, Cozma A, Galuscan A, Borcan F, Obistoiu D, **Dehelean CA**, Jumanca D. Natural Preparations Based on Orange, Bergamot and Clove Essential Oils and Their Chemical Compounds as Antimicrobial Agents. *Molecules*. 2020 Nov 24;25(23):5502. doi: 10.3390/molecules25235502. **IF 4.412**
4. Dumbrava D, Popescu LA, Soica CM, Nicolin A, Cocan I, Negrea M, Alexa E, Obistoiu D, Radulov I, Popescu S, Watz C, Ghiulai R, Mioc A, Szuhaneck C, Sinescu C, **Dehelean C**. Nutritional, Antioxidant, Antimicrobial, and Toxicological Profile of Two Innovative Types of Vegan, Sugar-Free Chocolate. *Foods*. 2020 Dec 11;9(12):1844. doi: 10.3390/foods9121844. **IF 4.35**
5. Ghiulai R, Roșca OJ, Antal DS, Mioc M, Mioc A, Racoviceanu R, Macașoi I, Olariu T, **Dehelean C**, Crețu OM, Voicu M, Șoica C. Tetracyclic and Pentacyclic Triterpenes with High Therapeutic Efficiency in Wound Healing Approaches. *Molecules*. 2020 Nov 26;25(23):5557. doi: 10.3390/molecules25235557. **IF 4.412**
6. Maghiari AL, Coricovac D, Pinzaru IA, Macașoi IG, Marcovici I, Simu S, Navolan D, **Dehelean C**. High Concentrations of Aspartame Induce Pro-Angiogenic Effects in Ovo and Cytotoxic Effects in HT-29 Human Colorectal Carcinoma Cells. *Nutrients*. 2020 Nov 24;12(12):3600. doi: 10.3390/nu12123600. **IF 5.719**
7. Enătescu VR, Kalinovic R, **Dehelean CA**, Giurgi-Oncu C, Hogeia LM, Ifteni P, Vlad G, Neda-Stepan O, Simu M, Bedreag OH, Marinescu I, Hutanu D, Enătescu I, Nussbaum LA. The efficacy of clonidine in the pharmacological management of alcohol withdrawal syndrome: preliminary results. *Farmacia*, 2020, 68(6), 1069-1074. **IF 1.433**
8. Faur A, Watz C, Moacă EA, Avram Ș, Borcan F, Pinzaru I, Iftode A, Nicolov M, Popovici RA, Raica M, Szuhaneck CA, **Dehelean C**. Correlations on Phenolic Screening Related to In Vitro and In Ovo Assessment of *Ocimum basilicum* L. Hydro-Alcoholic Extracts Used as Skin Active Ingredient. *Molecules*. 2020 Nov 20;25(22):5442. doi: 10.3390/molecules25225442. **IF 4.412**
9. Kis B, Avram S, Pavel IZ, Lombrea A, Buda V, **Dehelean CA**, Soica C, Yerer MB, Bojin F, Folescu R, Danciu C. Recent Advances Regarding the Phytochemical and Therapeutic Uses of *Populus nigra* L. Buds. *Plants (Basel)*. 2020 Oct 29;9(11):1464. doi: 10.3390/plants9111464. **IF 2.762**
10. Cepeha CM, Paul C, Borlea A, Borcan F, Fofiu R, **Dehelean CA**, Stoian D. The Value of Strain Elastography in Predicting Autoimmune Thyroiditis. *Diagnostics (Basel)*. 2020 Oct 27;10(11):874. doi: 10.3390/diagnostics10110874. **IF 3.706**
11. Popa A, **Dehelean C**, Calniceanu H, Watz C, Brad S, Sinescu C, Marcu OA, Popa CS, Avram S, Nicolov M, Szuhaneck CA. A Custom-Made Orthodontic Mini-Implant-Effect of Insertion Angle and Cortical Bone Thickness on Stress Distribution with a Complex In Vitro and In Vivo Biosafety Profile. *Materials (Basel)*. 2020 Oct 27;13(21):4789. doi: 10.3390/ma13214789 **IF 3.623**
12. Racoviceanu R, Trandafirescu C, Voicu M, Ghiulai R, Borcan F, **Dehelean C**, Watz C, Aigner Z, Ambrus R, Coricovac DE, Cîrcioban D, Mioc A, Szuhaneck CA, Șoica C. Solid Polymeric Nanoparticles of Albendazole: Synthesis, Physico-Chemical Characterization and Biological Activity. *Molecules*. 2020 Nov 4;25(21):5130. doi: 10.3390/molecules25215130. **IF 4.412**
13. Groșan, Alexandra, Vari, Camil-Eugen, Ștefănescu, Ruxandra, Danciu, Corina, Pavel, Ioana Zinuca, **Dehelean, Cristina**, Man, Adrian, David, Remona Eliza, Vlase, Laurian and Muntean, Lucia Daniela. "Antibacterial and antitumor activity of the species ." *Revista Romana de Medicina de Laborator*, vol.28, no.4, 2020, pp.405-417. <https://doi.org/10.2478/rrlm-2020-0031> **IF 1.027**
14. Eremici, Ivana; Dumitru, Catalin; Navolan, Dan; Craina, Marius; Ivan, Viviana; Borcan, Florin; **Dehelean, Cristina A.**; Mozos, Ioana; Stoian, Dana. 2020. "Diagnostic Value of Different Risk-Stratification Algorithms in Solid Breast Lesions" *Appl. Sci.* 10, no. 19: 6943. <https://doi.org/10.3390/app10196943> **IF 2.679f**
15. Bojin LA, Georgescu M, Cojocaru C, Pascariu MC, Purcarea VL, Ivan MV, Puiu M, Dehelean C, Serb AF, Sisu E, Penescu MN. Structural investigation of raw and modified glycans by Maldi-Tof mass spectrometry. *Farmacia*, 2020, 68(5), 891-897. **IF 1.433**
16. Buda V, Brezoiu AM, Berger D, Pavel IZ, Muntean D, Minda D, **Dehelean CA**, Soica C, Diaconeasa Z, Folescu R, Danciu C. Biological Evaluation of Black Chokeberry Extract Free and Embedded in Two Mesoporous Silica-Type Matrices. *Pharmaceutics*. 2020 Sep 1;12(9):838. doi: 10.3390/pharmaceutics12090838. **IF 6.321**
17. Macașoi I, Pavel IZ, Moacă AE, Avram Ș, David VL, Coricovac D, Mioc A, Spandidos DA, Tsatsakis A, Șoica C, Dumitrașcu V, **Dehelean C**. Mechanistic investigations of antitumor activity of a Rhodamine B-oleanolic acid derivative bioconjugate. *Oncol Rep*. 2020 Sep;44(3):1169-1183. doi: 10.3892/or.2020.7666. **IF 3.906**
18. Cîrcioban, D; Ledeti, I; Suta, LM; Vlase, G; Vlase, T; Ledeti, A; Vlase, T; Varut, R; Sbarcea, L; Trandafirescu, C; **Dehelean, C**. Instrumental analysis and molecular modelling of inclusion complexes containing artesunate. *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY* 2020 DOI: 10.1007/s10973-020-09975-3 **IF 4.626**
19. Balea, TS; Parvu, AE; Parvu, M; Vlase, L; **Dehelean, CA**; Pop, TI. Antioxidant, Anti-Inflammatory and Antiproliferative Effects of the *Vitis vinifera* L. var. Feteasca Neagra and Pinot Noir Pomace Extracts. *FRONTIERS IN PHARMACOLOGY* 2020 Volume: 11, Article Number: 990, DOI: 10.3389/fphar.2020.00990 **IF 5.811**
20. Moatar, AE; Vlad, CS; Vlad, DC; Verdes, DM; Filimon, MN; Bloju, O; Borcan, F; **Dehelean, CA**; Dumitrascu, V. Evaluation of antiproliferative potential of *myrmecodia pendans* and its activity on IL-8 secretion in colon cancer cell. *FARMACIA* 2020 Volume: 68 Issue: 4 Pages: 710-714, DOI: 10.31925/farmacia.2020.4.17 **IF 1.433**
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22. Cîrcioban, D; Ledeti, A; Vlase, G; Vlase, T; **Dehelean, C**; Ledeti, I. Thermal stability and kinetic degradation study for dihydroartemisinin. *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY* 2020, DOI: 10.1007/s10973-020-09902-6. **IF 4.626**
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